

## Grade thresholds – March 2023

### Cambridge International AS & A Level Mathematics (9709)

Grade thresholds taken for Syllabus 9709 (Mathematics) in the March 2023 examination.

	Maximum raw mark available	Minimum raw mark required for grade:				
		A	B	C	D	E
Component 12	75	60	52	42	33	24
Component 22	50	38	34	28	22	16
Component 32	75	58	51	42	33	24
Component 42	50	37	30	24	17	10
Component 52	50	36	29	24	18	12
Component 62	50	39	34	28	22	16

Grade A\* does not exist at the level of an individual component.

The overall thresholds for the different grades were set as follows. Options with an additional letter, e.g. BYJ, refer to A2-only options.

Option	Maximum mark after weighting	Combination of components	A*	A	B	C	D	E
AY	250	12, 32, 42, 52	220	191	162	131	100	70
CY	250	12, 32, 52, 62	220	193	166	136	106	76
DY	250	32, 52, 85	216	185	154	122	90	58
DYJ	125	32, 52	109	93	71	52	33	14
EY	250	32, 42, 88	216	185	154	120	86	53
EYJ	125	32, 42	109	94	72	52	32	13
GY	250	32, 62, 88	216	187	158	125	92	59
GYJ	125	32, 62	110	96	76	56	37	18
HY	250	32, 52, 95	216	189	162	129	96	64
HYN	125	32, 52	109	93	71	52	33	14
IY	250	32, 42, 98	217	191	165	130	95	61
IYN	125	32, 42	109	94	72	52	32	13
KY	250	32, 62, 98	217	193	169	135	101	67
KYN	125	32, 62	110	96	76	56	37	18
OV	250	32, 52, 75	218	189	160	128	96	65
OVM	125	32, 52	109	93	71	52	33	14

## Grade thresholds continued

### Cambridge AS & A Level Mathematics (9709)

Option	Maximum mark after weighting	Combination of components	A*	A	B	C	D	E
PV	250	32, 42, 78	215	186	157	124	92	60
PVM	125	32, 42	109	94	72	52	32	13
RV	250	32, 62, 78	215	188	161	129	97	66
RVM	125	32, 62	110	96	76	56	37	18
S4	125	12, 22	–	98	86	70	55	40
S5	125	12, 42	–	97	82	66	50	34
S6	125	12, 52	–	96	81	66	51	36

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